

Impacts and Mitigation Group Exercise

- Intro. The red are changes to a site, the yellow are the potential impacts, the green are potential mitigations.
- Participants were instructed to match a change with an impact with a mitigation.

Increase in the amount of waste received at a landfill.

More truck traffic through an already congested intersection.

Limit hours of waste delivery to those outside of high traffic times.

New feedstock received at a compost facility.

Increase in nuisance level odors because of start up delays in processing material.

Manage feedstock piles to reduce odor and limit total feedstock receipt during initial startup.

Increase in compost facility's total graded area.

Increase in runoff exceeds capacity of existing off site drainage systems.

Establish a larger runoff containment basin.

Redirecting waste from a newly closed landfill to another landfill.

Increase in truck trip length to new landfill and resulting air contaminates.

Establish a transfer station at the closing landfill to consolidate waste and/or require vehicles to use cleaner burning fuel.

New gas monitoring wells installed

Noise from drilling increased above ambient levels at nearby residences.

Schedule drilling operations during average working hours 9AM to 5PM or when residents are out.

Scales installed at a transfer station.

Stacking of vehicles in a turn left lane because of delays at the scales.

Extend left turn lane and/or schedule even distribution of waste deliveries.

New residential development encroaching on an existing landfill.

Increase exposure to dust, landfill gas noise, etc. to new residents.

Establish a minimum setback for new homes, seal foundations, install passive venting systems.

Increase discharge to a leachate pond from a new leachate collection system

Increase frequency of leachate pond becoming anaerobic and producing nuisance level odors.

Aerate leachate pond more frequently and/or establish air circulation barriers.